		BBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBB	RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR		
LLL	HH				
LLL	III	BBB BBB BBB	RRR RRR	111	iii
illillillillill	1111111111	BBBBBBBBBBB	RRR RRR	TTT	IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
LLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLL		88888888888 88888888888	RRR RRR	III	

LI

H 8

0

	BBBBBBBB BBBBBBBBBBBBBBBBBBBBBBBBBBBBB	00000000 00000000000000000000000000000	VV	TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	DDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDD	######################################
	\$					

1-0

LIB\$CVTDF ; Convert Double to Floating 15-SEP-1984 23:49:58 VAX/VMS Macro V04-00 Page 0

(2) 51 HISTORY ; Detailed Current Edit History
(3) 62 DECLARATIONS
(4) 96 LIB\$CVTDF - Convert Double to Floating and check overflow

LIE

2222222222233333333333333

40

456789

15-SEP-1984 23:49:58 VAX/VMS Macro V04-00 6-SEP-1984 11:04:19 [LIBRTL.SRC]LIBCVTDF.MAR;1

; Convert Double to Floating ; File: LIBCVTDF.MAR Edit: RNH1010 age (1)

0 1 .TITLE LIB\$CVTDF 0 2 .IDENT /1-010/ 0 4 :

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FACILITY: General Utility library

ABSTRACT:

LIB\$CVTDF converts a Double precision floating point scalar quantity to Single precision floating point quantity and checks for floating overflow.

VERSION: 01

HISTORY:

AUTHOR:

Thomas N. Hastings, 27-May-77: Version 01

MODIFIED BY:

LIE

1-

```
LIB$CVTDF
                                         : Convert Double to Floating
                                                                                                                        VAX/VMS Macro V04-00
[LIBRTL.SRC]LIBCVTDF.MAR; 1
Symbol table
                   = 00000004
DOUBLE
LIB$CVTDF
                      00000000 RG
                                        01
LIB$SIG_TO_RET
                     ******
SINGLE
                   = 00000008
                                                               Psect synopsis
PSECT name
                                        Allocation
                                                                  PSECT No.
                                                                               Attributes
    ABS
                                        00000000
                                                                                          USR
                                                                                                                LCL NOSHR NOEXE NORD
LCL SHR EXE RD
                                                                                                 CON
_LIB$CODE
                                        00000012
                                                                                                 CON
                                                                                                                                            NOWRT NOVEC LONG
                                                           Performance indicators
Phase
                               Page faults
                                                   CPU Time
                                                                     Elapsed Time
----
                                                                     00:00:02.55
00:00:02.83
00:00:03.84
00:00:00.01
00:00:02.43
00:00:00.00
00:00:00.00
                                                   00:00:00.06
Initialization
                                                  00:00:00.28
00:00:00.23
00:00:00.00
                                        106
Command processing
Pass 1
Symbol table sort
Pass 2
                                                   00:00:00.18
                                                   00:00:00.00
Symbol table output
                                                  00:00:00.02
Psect synopsis output
                                                  00:00:00.00
Cross-reference output
                                                   00:00:00.79
Assembler run totals
```

The working set limit was 900 pages.
1409 bytes (3 pages) of virtual memory were used to buffer the intermediate code.
There were 10 pages of symbol table space allocated to hold 4 non-local and 0 local symbols.
145 source lines were read in Pass 1, producing 11 object records in Pass 2.
0 pages of virtual memory were used to define 0 macros.

! Macro library statistics !

0

Macro library name

Macros defined

_\$255\$DUA28:[SYSLIB]STARLET.MLB;2

O GETS were required to define O macros.

There were no errors, warnings or information messages.

MACRO/ENABLE=SUPPRESSION/DISABLE=(GLOBAL, TRACEBACK)/LIS=LIS\$:LIBCVTDF/OBJ=OBJ\$:LIBCVTDF MSRC\$:LIBCVTDF/UPDATE=(ENH\$:LIBCVTDF)

0204 AH-BT13A-SE

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